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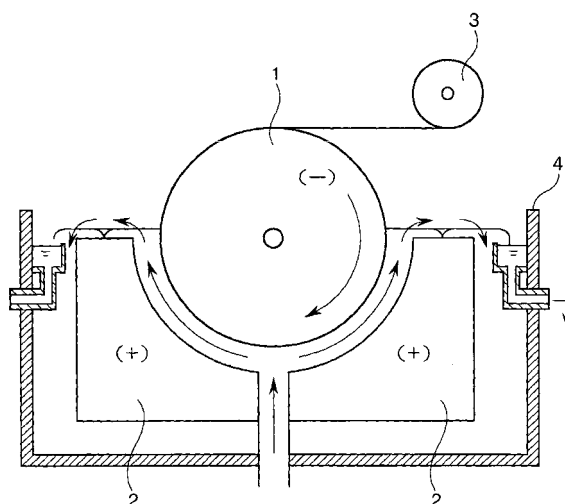
(54) **Manufacturing method of electrodeposited copper foil and electrodeposited copper foil**

(57) A process for producing an electrodeposited copper foil, comprising the steps of: preparing an electrolyte having a copper concentration of 60 to 85 g/lit., a free sulfuric acid concentration of 100 to 250 g/lit., a chloride (Cl) ion concentration of 1 to 3 ppm and a gelatin additive concentration of 0.3 to 5 ppm and electrolyzing at 40 to 60°C and at a current density of 30 to 75 A/dm² to thereby electrodeposit a copper foil. The ob-

tained electrodeposited copper foil is excellent in tensile strength and elongation.

An electrodeposited copper foil comprising: twins with fine crystals and/or columnar crystals, and chlorine (or chloride ion) incorporated in the twins so that the chlorine content of the electrodeposited copper foil is in the range of 50 ppm to 180 ppm, and 40 to 150 times that of chloride ion concentration in the electrolyte.

Fig. 5



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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 September 2003	Examiner Van Leeuwen, R
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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